### About this organisation

### **Machine translation**

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Bayerische Motoren Werke Aktiengesellschaft

With future-orientated technologies, the BMW Group Plant Landshut plays the role of an innovation driver in the technological transformation of the automotive sector and its supplier industry. At the Lightweight Construction and Technology Centre (LuTZ), which is directly connected to the plant, specialists from a wide range of disciplines actively drive the sustainable development of future vehicle models. They are involved in the development processes of new vehicles at an early stage.

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Main areas covered	Lightweight complete vehicle, Hybrid lightweight construction, CFRP lightweight construction
Infrastructure	
Certifications	
Keywords	
Memberships	

n/a

**Funding** 

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Overview of lightweighting expertise				
Machine translation  This organisation has been machine-translated based on data provided in German.				
	Research	N Development	Manufacturing & Supply	
Offer				
Products Parts and components, Software & databases, Systems and end products, Materials	<b>✓</b>	<b>✓</b>	<b>~</b>	
Services & consulting				
Field of technology				
Design & layout				
Functional integration				
Measuring and testing technology				
Modelling and simulation				
Plant construction & automation Plant construction, Automation technology, Handling technology, Robotics	<b>~</b>	<b>✓</b>	<b>~</b>	
Recycling technologies				

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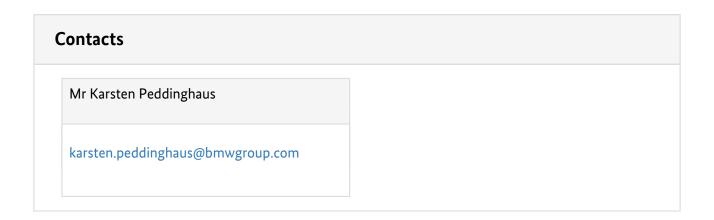
# Overview of lightweighting expertise **Machine translation** This organisation has been machine-translated based on data provided in German. Manufacturing **Development** & Supply Research Manufacturing process **Additive manufacturing** 3D printing, Deposition welding, Electron beam melting, Selective laser melting (SLM, LPBF, ...), Selective laser sintering (SLS), Stereolithography **Coating (surface engineering)** Painting, Powder coating, Hot dipping Fibre composite technology Forming Deep-drawing **Joining** Clinching, Hybrid joining, Adhesive bonding, Soldering, Riveting, Screwing, Welding Material property alteration Heat treatment **Primary forming** Casting, Injection moulding Processing and separating Textile technology

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# Overview of lightweighting expertise **Machine translation** This organisation has been machine-translated based on data provided in German. Manufacturing **Development** & Supply Research Material Biogenic materials Cellular materials (foam materials) Composites **Fibres** Functional materials Metals Aluminium, Steel **Plastics** Thermoset plastics, Elastomers, Thermoplastics Structural ceramics (Technical) textiles

# Contacts Machine translation This organisation has been machine-translated based on data provided in German. Mr Peter Mischke Ms Eva-Patricia Ohnemus peter.mischke@bmwgroup.com eva-patricia.ohnemus@bmwgroup.com

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